



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Albert Cosand, et al.

Serial No.: 10/707,076

Filed: November 19, 2003

For: PPM Receiving System and Method Using Time-Interleaved Integrators

Attorney Docket No.: BOE 0445 PUS

I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail in an envelope addressed to: Mail Stop DD, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

2/18/04
Date of Deposit

Lisa Butler

Lisa A Butler
Signature

**DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.56**

Mail Stop DD
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In compliance with 37 C.F.R. § 1.56, the art listed and identified on the attached PTO form is being submitted herewith for consideration by the Examiner. A copy of each of the listed references is included herewith.

It is Applicants' opinion that the claims presently on file patentably distinguish the present invention from each of these references. The above references are being cited only in the interests of candor and without any admission that they constitute statutory prior art or contain matter which anticipates the invention or which would render the same obvious, either singly or in combination, to a person of ordinary skill in the art.

No fee is believed to be due because this statement and enclosures are being filed before the first Office Action on the merits mailed by the PTO. The Commissioner is authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-0476.

Respectfully submitted,



Jeffrey J. Chapp
Registration No. 50,579
28333 Telegraph Road, Suite 250
Southfield, MI 48034
(248) 223-9500

Attorney for Applicant(s)

Date: February 18, 2004



PTO/SB/08A (08-03)

Approved for use through 07/31/2006, OMB 0651-0031

Approved for use through 07/31/2006. GMB 0001 0001
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

~~Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.~~

ENT & TA Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 1

Complete if Known

Application Number	10/707076
Filing Date	11/19/2003
First Named Inventor	Albert Cosand
Art Unit	
Examiner Name	Unknown
Attorney Docket Number	03-0030

Sheet 1 of 1

Attorney Docket Number 03-0030

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>		Application Number	10/707076		
		Filing Date	11-19-2003		
		First Named Inventor	Albert Cosand		
		Art Unit	Unknown		
		Examiner Name	Unknown		
Sheet 1 of 1	Attorney Docket Number		03-0030		

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	AA	CHAN AND LAWRENCE, "An ASIC Chipset for Optical Communications", GaAs IC Symposium, 1993, pp. 303-306, Galaxy Microsystems, Inc., San Jose, California	
	AB	KARVONEN, RILEY, AND KOSTAMOVAARA, "A Low Noise Quadrature Subsampling Mixer", IEEE International Symposium on Circuits & Systems, 2001, pp. IV 790 - IV 793, Department of Electrical Engineering and InfoTech Oulu, University of Oulu, 90571 Findland	
	AC	GHASSEMLOOY AND WICKRAMASINGHE, "A Low Cost Sub-Carrier Multiplexed PPM for Optical Fibre Transmission Systems", IEEE, 1998, pp.99-107, Contributed Paper, United Kingdom	

Examiner Signature		Date Considered
--------------------	--	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.
This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:
Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.